

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) An implant insertion device comprising:
 - a handle;
 - an insertion rod attached to said handle; and
 - an implant gripper attached to said insertion rod, said implant gripper including:
 - a gripping surface; ~~and a movable pin and a fixed~~
 - a first pin extending from and fixed relative to said gripping surface; and
 - a second pin extending through and movable relative to said gripping surface
 - between a first position wherein the second pin extends from the gripping surface a
 - distance x and a second position wherein the second pin extends a distance less than x
 - from the gripping surface.
2. (Original) The insertion device of claim 1, wherein said gripping surface is v-shaped.
3. (Currently Amended) The insertion device of claim 1-2, wherein said ~~movable first~~ pin and said ~~fixed second~~ pin are offset on said gripping surface by an angle of approximately 30 degrees.
4. (Currently Amended) The insertion device of claim 1, wherein said ~~movable first~~ pin and said ~~fixed second~~ pin are smooth.
5. (Currently Amended) The insertion device of claim 1, wherein said implant gripper is ~~removably attached~~ removable from ~~to~~ said insertion rod.
6. (Currently Amended) A method of ~~attaching~~ engaging an implant ~~to~~ with an implant insertion device, comprising the steps of:
 - (a) retracting a movable pin relative to a gripping surface of the implant insertion device;
 - (b) positioning the implant adjacent to the gripping surface such that inserting a fixed
 - pin of an implant gripper extending from the gripping surface extends into an insertion pin hole
 - of the implant; and

(bc) ~~inserting a~~ extending the movable pin of said implant gripper relative to the gripping surface such that the movable pin extends into a second insertion pin hole of the implant, thereby effectively reversibly locking the implant onto said device.

7. (Currently Amended) ~~A~~ The method of detaching an implant from an implant insertion device ~~claim 6 further~~ comprising the steps of:

(a) ~~detaching a~~ retracting the movable pin of an ~~the~~ implant gripper from an ~~the~~ insertion pin hole of the implant; and

(b) ~~detaching a~~ moving the gripping surface away from the implant such that the fixed pin of said implant gripper is removed from a ~~the~~ second insertion pin hole of the implant and the implant insertion device is disengaged from the implant device.

8. (Currently Amended) A method of insertion of an implant with an implant insertion device, comprising the steps of:

(a) attaching ~~an~~ the ~~implant to an~~ the ~~implant insertion device by~~ retracting a movable pin relative to a gripping surface of the implant insertion device; positioning the implant adjacent to the gripping surface such that ~~inserting a fixed pin of an implant gripper extending from the gripping surface extends~~ into an insertion pin hole of the implant, and extending the movable pin relative to the gripping surface such that the ~~inserting a movable pin of said implant gripper extends~~ into a second insertion pin hole of the implant;

(b) inserting said implant in a spinal column; and

(c) detaching said implant from said implant insertion device by ~~detaching~~ retracting said movable pin ~~of said implant gripper~~ from said second insertion pin hole of said implant, and detaching said fixed pin of said implant gripper from said insertion pin hole of the implant.

9. (New) An implant insertion assembly comprising:

an implant insertion device comprising:

a gripping surface;

a first pin extending from and fixed relative to said gripping surface; and

a second pin extending through and movable relative to said gripping surface between a first position wherein the second pin extends from the gripping surface a distance x and a second position wherein the second pin extends a distance less than x from the gripping surface; and

an implant comprising an outer sidewall which defines one or more insertion pin holes configured to receive the first and second pins.

10. (New) The assembly according to claim 9, wherein said insertion pin holes include a counter bore cut.

11. (New) The assembly according to claim 9, wherein the implant outer sidewall includes at least two flat sidewall portions and first and second insertion pin holes are defined along the respective flat sidewall portions.

12. (New) The assembly according to claim 9, wherein said implant includes a superior end face and an inferior end face and one or both of said superior end face and said inferior end face include a plurality of radial cuts.

13. (New) The assembly according to claim 12, wherein said plurality of radial cuts are tiered.

14. (New) The assembly according to claim 9, wherein said implant includes a superior end face and an inferior end face and one or both of said superior end face and said inferior end face include a plurality of concentric cuts.

15. (New) The assembly according to claim 14, wherein said plurality of concentric cuts are tiered.

16. (New) The assembly according to claim 9, wherein said implant includes a superior end face and an inferior end face and one or both of said superior end face and said inferior end face include a plurality of concentric cuts and a plurality of radial cuts.

17. (New) The assembly according to claim 9, wherein said implant defines a hollow core.

18. (New) The assembly according to claim 9, wherein said implant is a biocompatible material.

19. (New) The assembly according to claim 9, wherein said implant insertion device is a biocompatible material.